

In the Specification

On page 2, paragraph beginning at line 3, should be amended as follows:

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An example of the configuration of the roadside device at the exit tollgate is shown in FIG. 4. The roadside device comprises: an application processing section 214 which performs an application processing of the ETC that is a non-stop toll collection system of a toll calculation or the like; a roadside antenna 201 which performs the radio communication by using a frequency of 5.8 GHz with the on-vehicle device; a high frequency section 211 which down-converts a signal of 5.8 GHz from the roadside antenna 201 and makes it a base band signal, and which up-converts a base band signal to 5.8 GHz on the contrary; a base band section 212 which performs a generation of a communication frame, a ~~generation~~generation of transmitting data, and an error check of receiving data or the like; and a DSRC control section 213 which performs a DSRC protocol processing on the basis of signals from the application processing section 214 and the base band section 212.

On page 3, paragraph beginning at line 18, should be amended as follows:

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On the other hand, at the entrance tollgate, for the processing of the detection of the information on the type of a vehicle or the like, two roadside devices are provided in the direction of movement of the vehicle. An example of the entrance tollgate is shown in FIG. 5A and FIG. 5B. By the radio communication between the on-vehicle devices 303, 306 and the first roadside antenna 301 that is the front roadside antenna in the opposite direction of movement of the vehicle and the second roadside antenna 304 that is the rear antenna, the receiving and transmitting of the entrance information and the information on the type of a vehicle are performed. The above described two antennas (the first roadside antenna 301 and the second roadside antenna 304) are provided adjacently, and therefore, there is a possibility of causing a communication obstacle because of the radio wave interference. Therefore, in the case where the configuration shown in FIG. 5A is adopted, as shown in FIG. 5B, the communication frames are alternately operated. This action where communication frames are alternately operated by the front and rear antennas is called the time sharing operation.

On page 8, paragraph beginning at line 13, should be amended as follows:

A3 According to the second aspect of the present invention, a short range radio communication system, in which a DSRC (Dedicated Short Range Communication) that is a short range radio communication used for an ETC (Electronic Toll Collection) that is a non-stop toll collection system is applied, and roadside antennas that are provided at a roadside are continuously arranged, and time sharing operation is performed by synchronizing sending timing of a communication frame in all of said roadside antennas, ~~comprises~~ comprises:

On page 15, paragraph beginning at line 14, should be amended as follows:

A4 Moreover, according to the present invention, the communication contents which are concurrently taken in the ~~communication~~ communicating frame from the communicating roadside antenna and the communication frame from the adjacent roadside antenna can be mutually different communication contents.